

ALIMAK®

ALIMAK 450 CN DOL /24 DOL 50 HZ

2.4 m car with two vertical doors	X				(C22)
2.4 m car with one load ramp and one vertical door	X				(C25)
Reinforced 2.4 m car ¹⁾ with two vertical doors		X			(C22B)
Reinforced 2.4 m car ¹⁾ with one load ramp and one vertical door			X		(C25B)

Pay-load capacity (fuse 50A)	kg	1400	1400	1800	1600
(fuse 63A)	kg	1400	1400	2000	2000
Average speed 50 Hz	m/min	38	38	38	38
Max. lifting height	meter	150	150	150	150
<i>Increased lifting height on request</i>					
No. of buffer springs	pcs.	2	2	3	3
Safety device type GF	P/no.	9067360-8009		9067360-1009	

CAR DIMENSIONS

Internal width	meter	1.4	1.4	1.4	1.4
Internal length	meter	2.4	2.4	2.4	2.4
External length (E)	meter	<i>add 0.12 m to internal length above</i>			
Internal height	meter	2.0	2.0	2.0	2.0
Door opening W x H	meter	<i>all equal = 1.4 x 2.0</i>			

ELECTRICAL DATA

Power supply range	380 – 420 V, 50 Hz, 3 Phase			
At 400 V/50 Hz:				
Power supply fuses	A~	50 or 63 alternatively		
Dual motor machinery	kW	2 x 7.5	2 x 7.5	2 x 7.5
Starting current (DOL)	A~	207	207	207
Power consumpt. (fuse 50A)	kVA~	26	27	30
(fuse 63A)	kVA~	26	27	31
Power cable guiding system	<i>Cable basket (≤ 100 m)</i>			
<i>Data for other voltages on request</i>				

WEIGHTS

Base unit weight approx.	kg	2400	²⁾	²⁾	²⁾
Mast section with one rack	kg	68	68	68	68
Mast section with two racks	kg	85	85	85	85
Mast section length	mm	1508	1508	1508	1508

TRANSPORT DIMENSIONS

Base unit incl. ground enclosure:					
Length (F):	m	<i>add 0.38³⁾ m to external length (E)</i>			
Width (G):	m	2.39	2.39	2.39	2.29
Maximum height machinery excl.	m	3.10	3.10	3.10	3.10

¹⁾ Reinforced car structure and boogie rollers for load more than 1400 kg.

²⁾ Weights indicated for base model including standard entrance and exit door. Add 32 kg for each 0.1 m car extension part where applicable. Add trailing power cable approximately 1.0 kg/meter where cable basket occurs. Add additional 140 kg or 110 kg respectively, where optional load ramp occurs.

³⁾ Add additional 0.1 m where accessories for pipe support equipment are added to the ground enclosure.

